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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/627,808	07/28/2003	Shun-Yi Lien	LIEN3005/EM	4344
23364	7590	12/16/2005	EXAMINER	
BACON & THOMAS, PLLC 625 SLATERS LANE FOURTH FLOOR ALEXANDRIA, VA 22314			HANNON, CHRISTIAN A	
			ART UNIT	PAPER NUMBER
			2685	

DATE MAILED: 12/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/627,808	Applicant(s) LIEN, SHUN-YI	
	Examiner Christian A. Hannon	Art Unit 2685	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 July 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Drawings

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the "indicator below the help key," recited in claim 4, page 8, lines 21-22 must be shown or the feature canceled from the claim. No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1, 2, 3 & 5 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Zirul et al (US 2002/0098874), herein Zirul.

In regards to claim 1, Zirul teaches a cellular phone for a specific person who is not skilled in operating a typical cellular phone, comprising a plurality of software packages installed in a control circuit (Zirul's control circuit is being interpreted by the examiner to consist the processor 180, the cellular phone transceiver 190 and the memories 210 & 220 in figure 3) of the cellular phone, the software packages being adapted to make or receive a call, each of the software packages including an interface for setting phone numbers (Page 5, [0052]; Zirul), at least one port on the cellular phone, each port having one end electrically coupled to the control circuit so that a user can set phone numbers on the interface via the port (Page 3, [0037]; Zirul) and a plurality of large shortcut keys on the cellular phone, the shortcut keys being linked to the software packages so that a pressing of one of the shortcut keys causes a corresponding software package to run for commanding the cellular hone to make a call by dialing a selected one of a plurality of predetermined phone numbers (Page 2, [0026]; Zirul).

With regards to claim 2, Zirul teaches the cellular phone of claim 1, further comprising a plurality of auxiliary pictures each labeled on a corresponding shortcut key so as to facilitate a user to press a selected one of the shortcut keys for making a call (Page 2, [0026]; Zirul).

Regarding claim 3, Zirul teaches the cellular phone of claim 1, wherein each port is adapted to interconnect the cellular phone and a computer so as to set phone numbers on the interface by means of the computer (Page 3, [0037]; Zirul).

With respect to claim 5, Zirul teaches the cellular phone of claim 1, wherein the cellular phone further comprises a volume control knob on a side, the volume control knob being electrically coupled to the control circuit so that a user is able to turn the volume control knob for adjusting volume adapted to the user's hearing while using the phone (page 4, [0041]; Zirul).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Zirul in view of Aisenberg (US 2004/0185895) and further in view White et al (US 2005/0026643), herein White.

In view of claim 4, Zirul teaches the cellular phone of claim 1, however Zirul fails to teach the use of a help key, an indicator below the help key, the indicator being electrically coupled to the control circuit so that a flashing of the indicator is able to visually indicate the position of the help key, and a set of phone number and recording of help voice linked to the help key in a driver of the cellular phone so that a pressing of the help key can make an emergency call in case of danger. Aisenberg teaches the use of a help key (Figure 15, Item 135; Aisenberg), and a set of phone number and recording of help voice linked to the help key in a driver of the cellular phone (Page 10, [0112]; Aisenberg) so that a pressing of the help key can make an emergency call in case of danger (Page 8, [0096]; Aisenberg). It would have been obvious to add to Zirul the use of a help key, and a set of phone numbers and recording of help voice linked to the help key in a driver of the cellular phone so that a pressing of the help key can make an emergency call in case of danger, such as that taught by Aisenberg, in order to aid emergency services personnel in finding emergency victims. However Zirul in view of Aisenberg still fails to teach an indicator below the help key, the indicator being electrically coupled to the control circuit so that a flashing of the indicator is able to visually indicate the position of the help key. However White teaches an indicator below the help key, the indicator being electrically coupled to the control circuit so that a flashing of the indicator is able to visually indicate the position of the help key (Page 9, [0103],[0104]; White). It would have been obvious to add to the teachings of Zirul and Aisenberg to include an indicator below the help key, the indicator being electrically coupled to the control circuit so that a flashing of the indicator is able to visually indicate

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the position of the help key, such as that taught by White, in order to aid the deaf in locating a help key.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Boling et al (US 6,044,257) disclose a panic button phone.

Sun (US 2003/0153349) discloses a mobile phone with replaceable key modules.

Tasto (US 6,792,298) disclose a telephone terminal to control functions and enter digits.

Dinn (US 2005/0043063) discloses a device interface.

Zirul et al (US 6,912,399) disclose a cellular telephone with programmable authorized telephone number.

Montague (US 6,941,125) discloses a telephone adapted for emergency dialing by touch.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christian A. Hannon whose telephone number is (571) 272-7385. The examiner can normally be reached on Mon. - Fri. 8:00 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on (571) 272-7899. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Christian Hannon
December 7, 2005

